

| L Number | Hits   | Search Text  | DB  | Time stamp       |
|----------|--------|--|---|------------------|
| -        | 0      | "ricardo osorio"   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:30 |
| -        | 0      | ricardo adj osorio   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:30 |
| -        | 132780 | lcd  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:32 |
| -        | 0      | ricardo adj osorio   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:32 |
| -        | 389    | osorio   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:32 |
| -        | 151    | osorio and ricardo   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:33 |
| -        | 330760 | (osorio and ricardo) and lcd or liquid adj crystal   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:33 |
| -        | 83     | (osorio and ricardo) and (lcd or liquid adj crystal)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:34 |
| -        | 43     | ((osorio and ricardo) and (lcd or liquid adj crystal)) and scan\$4   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:34 |
| -        | 7      | ((osorio and ricardo) and (lcd or liquid adj crystal)) and scan\$4) and polarity adj (chang\$3 or inver\$4 or revers\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:41 |
| -        | 6      | ((osorio and ricardo) and (lcd or liquid adj crystal)) and scan\$4) and elaps\$3   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 17:46 |
| -        | 11     | ((osorio and ricardo) and (lcd or liquid adj crystal)) and elaps\$3  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:45 |
| -        | 0      | (osorio and ricardo) and okuzono   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:46 |
| -        | 1      | (osorio and ricardo) and koga  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:52 |

|  |        |  |   |                  |
|--|--------|--|---|------------------|
|  | 0      | (osorio and ricardo) and "for the same time"   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:53 |
|  | 12     | (osorio and ricardo) and "predetermined time"  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 15:53 |
|  | 389852 | lcd or liquid adj crystal  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 17:47 |
|  | 5824   | (lcd or liquid adj crystal) and polarity near (revers\$4 or inver\$4 or chang\$4 or switch\$3)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 18:11 |
|  | 119    | ((lcd or liquid adj crystal) and polarity near (revers\$4 or inver\$4 or chang\$4 or switch\$3) ) and polarity with (every adj (three or four or two or plurality))  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 18:12 |
|  | 2      | ((((lcd or liquid adj crystal) and polarity near (revers\$4 or inver\$4 or chang\$4 or switch\$3) ) and polarity with (every adj (three or four or two or plurality))) and "predetermined time after"  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 18:16 |
|  | 0      | 6549187.URPN.  | USPAT                                       | 2003/12/12 18:15 |
|  | 5      | ("5990877"   "6157358"   "6307681"   "6310596"   "6384807").PN.  | USPAT                                       | 2003/12/12 18:15 |
|  | 0      | ((((lcd or liquid adj crystal) and polarity near (revers\$4 or inver\$4 or chang\$4 or switch\$3) ) and polarity with (every adj (three or four or two or plurality))) and (driv\$3 or scan\$4) adj signal) and "for the same time"  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 18:17 |
|  | 6      | ((((lcd or liquid adj crystal) and polarity near (revers\$4 or inver\$4 or chang\$4 or switch\$3) ) and polarity with (every adj (three or four or two or plurality))) and (driv\$3 or scan\$4) adj signal) and "same polarity" near3 lines  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/29 14:38 |
|  | 8      | ("4737972"   "4834503"   "4926168"   "4982183"   "5034809"   "5107353"   "5122790"   "5281957").PN.  | USPAT                                       | 2003/12/12 18:20 |
|  | 81     | ((((lcd or liquid adj crystal) and polarity near (revers\$4 or inver\$4 or chang\$4 or switch\$3) ) and polarity with (every adj (three or four or two or plurality))) and (driv\$3 or scan\$4) adj signal   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/12 18:21 |
|  | 5      | ("5990877"   "6157358"   "6307681"   "6310596"   "6384807").PN.  | USPAT                                       | 2004/09/29 14:37 |
|  | 10     | ((((lcd or liquid adj crystal) and polarity near (revers\$4 or inver\$4 or chang\$4 or switch\$3) ) and polarity with (every adj (three or four or two or plurality))) and (driv\$3 or scan\$4) adj signal) and "same polarity" near3 lines  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/29 14:39 |
|  | 6      | (US-6549187-\$ or US-6075505-\$ or US-6084562-\$ or US-5719590-\$ or US-5646641-\$ or US-5883608-\$).did.  | USPAT                                       | 2004/09/29 14:46 |
|  | 8      | ((((lcd or liquid adj crystal) and polarity near (revers\$4 or inver\$4 or chang\$4 or switch\$3) ) and polarity with (every adj (three or four or two or plurality))) and (driv\$3 or scan\$4) adj signal) and "same polarity" near3 lines) not ((US-6549187-\$ or US-6075505-\$ or US-6084562-\$ or US-5719590-\$ or US-5646641-\$ or US-5883608-\$).did.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/29 14:46 |